

SECTION 01080

TEMPORARY FACILITIES

PART 1 - GENERAL

1.1 Requirement Included.

- (a) Furnish, install and maintain temporary facilities required for construction; remove on completion of the work.
- (b) Facilities include, sanitary, water, electricity, lighting, heating, ventilation, telephone, construction aids, barriers, project sign, parking and site access.

1.2 Related Requirements.

- (a) Section 01020: Site Access, Construction limits, Use of Facilities and Work Hours.
- (b) Section 01750: Protection of Existing Conditions and Install Work.

1.3 References.

Occupational Safety and Health Standards for Construction (29 CFR PART 1926)

- a) Subpart G - Signs, Signals and Barricades
- b) Subpart L - Scaffolds
- c) Subpart M - Fall Protection
- d) Subpart N - Cranes, Derricks, Hoists, Elevators and Conveyors
- e) Subpart X - Stairways and Ladders

PART 2 - PRODUCTS

2.1 Temporary Sanitary Facilities.

- (a) The contractor may use the existing facilities.
- (b) Maintain in a clean and sanitary condition; failure to do so will result in a loss of privileges.

2.2 Temporary Water.

- (a) The existing building water system may be used for construction purposes at no cost to the contractor. Obtain location connections from the Resident Engineer. Extend system as necessary to comply with temporary water requirements.

2.3 Temporary Electrical Power.

- (a) Reasonable amounts of electrical power will be furnished at no cost. Contractor will have to supply breakers. Connections to the existing facility electrical system at any other point is prohibited.
- (b) The contractor shall provide a fused disconnect switch at the point of connection.

- (c) The contractor shall provide all supply lines for lights and power, extension outlets, and extension cords, trailers, receptacles, bulbs, fuses and other equipment required for safety and for proper execution of the work, and for inspection purposes.

2.4 Temporary Lighting.- Provide temporary artificial lighting for all areas when natural light does not meet minimum requirements for:

- (a) Construction Areas: Uniform illumination of 20 foot-candles.

2.5 Not Used

2.6 Temporary Ventilation.- Provide temporary ventilation if required, to ensure that fumes do not enter building Heating, Cooling, and Ventilation Systems.

2.7 Temporary Telephone.-

- (a) If necessary, the Contractor shall arrange with local telephone service company to provide their own direct line service for use of personnel and employees.

2.8 Construction Aids.-

- (a) Furnish, install and maintain required construction aids. Remove on completion of work.
- (b) Provide construction aids and equipment required by personnel and to facilitate execution of the work i.e. trench boxes, scaffolds, staging, ladders, stairs, ramps, runways, platforms, railings, hoists, cranes, chutes and other such facilities and equipment.

2.9 Barriers.-

- (a) Furnish, install and maintain suitable barriers as required to prevent public entry, and to protect the work, existing facilities, trees and plants from construction operations; remove when no longer needed, or at completion of work.
- (b) Materials of contractor's option, as appropriate to serve required purpose.
- (c) Where any removal, drilling or cutting of walls or other surfaces in areas of existing facilities operations occurs, the contractor shall install temporary partitions prior to demolition to prevent entrance of dust or other matter into the working areas. Where normal activities are to be carried on inside the building adjacent to the partition, the partition shall be thermally insulated and acoustically treated to prevent entry of temperature extremes and construction noise.

2.10 Not Used

2.11 Not Used

2.12 Temporary Parking and Access.-

- (a) Provide and maintain, all weather vehicular access to site and within site to provide uninterrupted access:
 - 1. To temporary construction facilities, storage and work areas.
 - 2. For use by persons and equipment involved in construction project.

3. For use by emergency vehicles.
- (b) Provide and maintain, all weather temporary parking facilities for use by construction personnel.
- (c) Locate roads, drives, walks and parking facilities to provide uninterrupted access to construction offices, mobilization, work, storage areas, and other areas required for execution of the contract.
 1. Contractor and the contractor's personnel shall utilize the parking areas designated on the drawing.
- (d) Provide access for emergency vehicles.
 1. Maintain driveways a minimum of 15 feet wide between and around combustible materials in storage and mobilization areas.
- (e) Maintain traffic areas free as possible of excavated materials, construction equipment, products, snow, ice and debris.
- (f) Keep fire hydrants and water control valves free from obstruction and accessible for use.
- (g) Maintain roads, walks and parking areas in sound, clean condition.
 1. Repair or replace any portions damaged during progress of construction work.
- (h) Completely remove temporary materials and construction when construction needs can be met by use of permanent installation.
 1. Remove and dispose of compacted materials to depths required by various conditions to be met in completed work.
- (i) Restore areas to original or to specified conditions at completion of work.

PART 3 - EXECUTION

3.1 Utility Costs.- Consumption costs of the temporary power service and temporary water service furnished to the contractor will be paid by the Government. Extension from the point of connection, including equipment, operation and attendance shall be paid for by the contractor.

3.2 Maintenance.- All costs in connection with the maintenance of all temporary facilities shall be paid by the contractor.

3.3 Compliance.- All work covered in this section shall comply with provisions of other applicable divisions and all applicable local requirements

3.4 Operation of Permanent Equipment.- Use of permanent equipment by the contractor is strictly prohibited without written approval of the FAA prior to use.

3.5 Removal of Temporary Facilities.- The contractor shall promptly remove all temporary facilities from premises at end of work. If the contractor fails to do so within a reasonable time after notification, the FAA will have the items removed at the contractor's expense.

**SALT LAKE CITY ARTCC
BOILER AND CHILLER CONTROLS UPGRADE**

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END OF SECTION